

APPENDIX 2.2A

Water Quality Data—Spring Street Wells

Appendix 2.2A
Water Quality Data for Spring Street Wells

Toxic Compounds Chemical Name	Sampling Results - Well #2 mg/L	Sampling Results - Well #21 mg/L
Arsenic	0.005	0.005
Copper	0.01	0.01
Nickel	0.01	0.01
Silver	0.01	0.01
Antimony ^a	0.001	0.006
Beryllium ^a	0.001	0.001
Cadmium	0.005	0.005
Chromium (total)	0.005	0.005
Lead	0.005	0.005
Manganese	0.02	0.02
Mercury	0.0002	0.0002
Selenium ^a	0.001	0.005
Zinc	0.02	0.02
Acrylonitrile ^a	0.002	Not Tested ^b
Allyl chloride ^a	0.0005	Not Tested ^b
Benzene	0.002	0.002
Bromomethane	0.005	0.005
2-Butanone ^a	0.002	Not Tested ^b
Carbon disulfide ^a	0.0005	Not Tested ^b
Carbon tetrachloride	0.005	0.005
Chlorobenzene	0.002	0.002
Chloroethane	0.005	0.005
Chloroform ^c	0.002	0.0024
1,2-Dibromo-3-chloropropane	0.005	0.005
1,2-Dibromoethane	0.002	0.002
1,4-Dichlorobenzene	0.002	0.002
1,1-Dichloroethane	0.002	0.002
1,2-Dichloroethane	0.002	0.002
1,1-Dichloroethene	0.005	0.005
Ethylbenzene	0.002	0.002
Methylene chloride	0.005	0.005
Methyl-t-butyl ether ^a	0.0005	0.003
Naphthalene	0.005	0.005
Styrene	0.002	0.002
1,1,2,2-Tetrachloroethane	0.002	0.002
Tetrachloroethene	0.002	0.002
Toluene	0.002	0.002
1,1,1-Trichloroethane	0.002	0.002
1,1,2-Trichloroethane	0.002	0.002
Trichloroethene	0.002	0.002
Vinyl chloride	0.005	0.005
o-Xylene	0.002	0.002
m-Xylene	0.002	0.002
p-Xylene	0.002	0.002

1. Influent concentration data were tested on July 2006 (Test America).

2. For chemicals that were not detected (ND) during the source test, the reporting limits were used to calculate the emissions.

3. It was assumed that the total chromium is hexavalent chromium

^a For chemicals not tested during the July 2006 sampling event, previous testing data was used when available. This data consists of the CalScience Environmental Laboratories, Inc. testing (November 2004) and the MWH Laboratories testing (March 2006) for Wells #2 and #21, respectively.

^b When Well #21 data was unavailable, influent chemical concentration was assumed to be the same as the concentration in Well #2.

^c The sample taken at Well #21 was a non detect for chloroform. However, the value used was detected at Well #22, which is in close proximity to Well #21.